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| Terms         | Documents |
|---------------|-----------|
| 5183492.uref. | 15        |

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**Search:**

L3

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History****DATE:** Wednesday, May 07, 2003   [Printable Copy](#)   [Create Case](#)Set Name  
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result set*DB=USPT,PGPB; PLUR=YES; OP=ADJ*L3

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15

L3L2

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L2*DB=USPT; PLUR=YES; OP=ADJ*L1

5183492.pn.

1

L1

END OF SEARCH HISTORY

# butafenacil

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**STATUS:** ISO 1750 (published)

**IUPAC:** 1-(allyloxycarbonyl)-1-methylethyl  
2-chloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]benzoate

**CAS:** 1,1-dimethyl-2-oxo-2-(2-propenyloxy)ethyl  
2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2*H*)-pyrimidinyl]benzoate

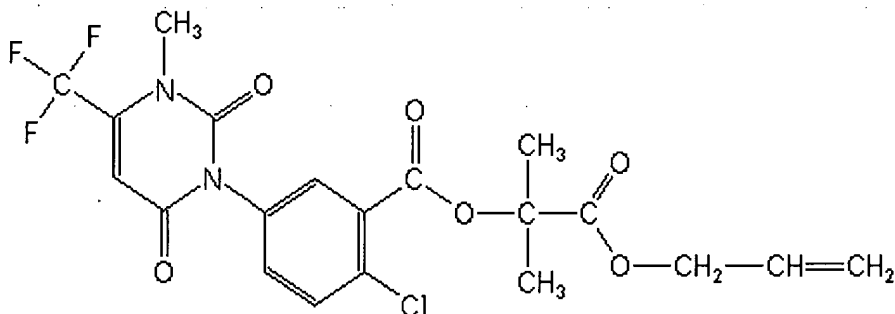
**REG. NO.:** 134605-64-4

**FORMULA:** C<sub>20</sub>H<sub>18</sub>ClF<sub>3</sub>N<sub>2</sub>O<sub>6</sub>

**ACTIVITY:** herbicides (uracil herbicides)

**NOTES:**

**STRUCTURE:**



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| [Home](#) | [Index of common names](#) | [Pesticide classification](#) | [Site Map](#) |

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# nicosulfuron

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**STATUS:** ISO 1750 (published)

**IUPAC:** 2-[(4,6-dimethoxypyrimidin-2-ylcarbamoyl)sulfamoyl]-*N,N*-dimethylnicotinamide  
or  
1-(4,6-dimethoxypyrimidin-2-yl)-3-(3-dimethylcarbamoyl-2-pyridylsulfonyl)urea

**CAS:** 2-[[[(4,6-dimethoxy-2-pyrimidinyl)amino]carbonyl]amino]sulfonyl]-*N,N*-dimethyl-3-pyridylcarbamate

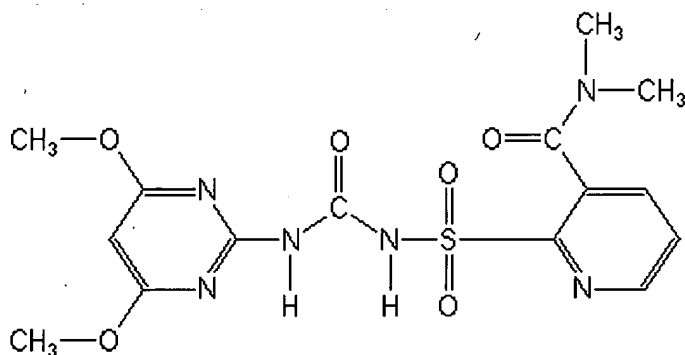
**REG. NO.:** 111991-09-4

**FORMULA:** C<sub>15</sub>H<sub>18</sub>N<sub>6</sub>O<sub>6</sub>S

**ACTIVITY:** herbicides (pyrimidinylsulfonylurea herbicides)

**NOTES:**

**STRUCTURE:**



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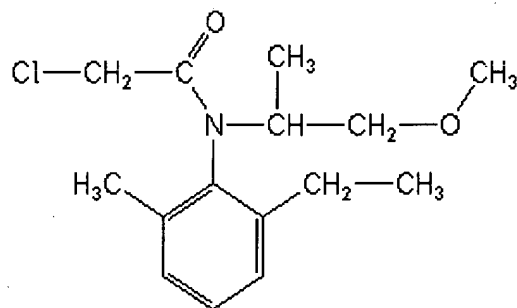
| [Contents](#) | [Index of common names](#) | [Pesticide classification](#) | [No frames](#) |

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# metolachlor

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**STATUS:** ISO 1750 (published)  
**IUPAC:** (*aRS,1RS*)-2-chloro-6?-ethyl-*N*-(2-methoxy-1-methylethyl)acet-*o*-toluidide  
**CAS:** 2-chloro-*N*-(2-ethyl-6-methylphenyl)-*N*-(2-methoxy-1-methylethyl)acetamide  
**REG. NO.:** 51218-45-2  
**FORMULA:** C<sub>15</sub>H<sub>22</sub>ClNO<sub>2</sub>  
**ACTIVITY:** herbicides (chloroacetanilide herbicides)  
**NOTES:** The (*S*)-stereoisomer of this substance has the ISO common name S-metolachlor.  
**STRUCTURE:**



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| [Contents](#) | [Index of common names](#) | [Pesticide classification](#) | [No frames](#) |

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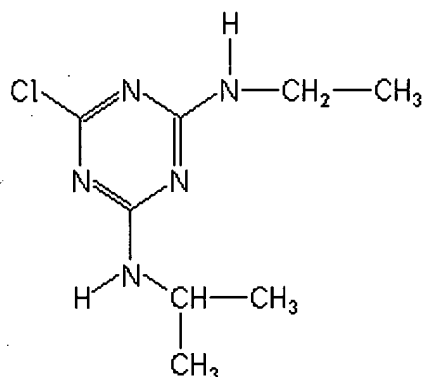
# atrazine

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**STATUS:** ISO 1750 (published)  
**IUPAC:** 6-chloro-*N*<sup>2</sup>-ethyl-*N*<sup>4</sup>-isopropyl-1,3,5-triazine-2,4-diamine  
**CAS:** 6-chloro-*N*-ethyl-*N*-(1-methylethyl)-1,3,5-triazine-2,4-diamine  
**REG. NO.:** 1912-24-9  
**FORMULA:** C<sub>8</sub>H<sub>14</sub>ClN<sub>5</sub>  
**ACTIVITY:** herbicides (chlorotriazine herbicides)

**NOTES:**

**STRUCTURE:**



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| [Contents](#) | [Index of common names](#) | [Pesticide classification](#) | [No frames](#) |

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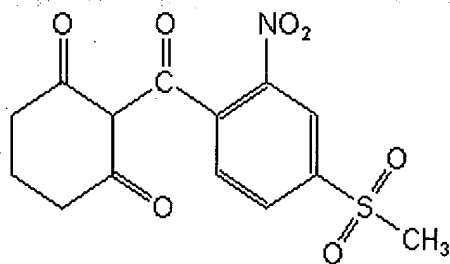
# mesotrione

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**STATUS:** ISO 1750 (published)  
**IUPAC:** 2-(4-mesyl-2-nitrobenzoyl)cyclohexane-1,3-dione  
**CAS:** 2-[4-(methylsulfonyl)-2-nitrobenzoyl]-1,3-cyclohexanedione  
**REG. NO.:** 104206-82-8  
**FORMULA:** C<sub>14</sub>H<sub>13</sub>NO<sub>7</sub>S  
**ACTIVITY:** herbicides (benzoylcyclohexanedione herbicides)

**NOTES:**

**STRUCTURE:**



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| [Contents](#) | [Index of common names](#) | [Pesticide classification](#) |

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